

# **2002 LMOP PROJECT EXPO**



## **CHEMUNG COUNTY SWMD LANDFILL ELMIRA, NEW YORK**

**January 6, 2003  
Washington, DC**



# LANDFILL OVERVIEW

- **Owner:** Chemung County SWMD
- **Physical Location:** Elmira, NY
- **Open Year:** 1973
- **Closure Year:** 2032
- **Waste in Place:** 1,500,000 tons (2001)
- **Design Capacity:** 3.41 million tons
- **Annual Acceptance:** 79,360 tons
- **Landfill Area:** 18 acres
- **Landfill Depth:** 60 feet

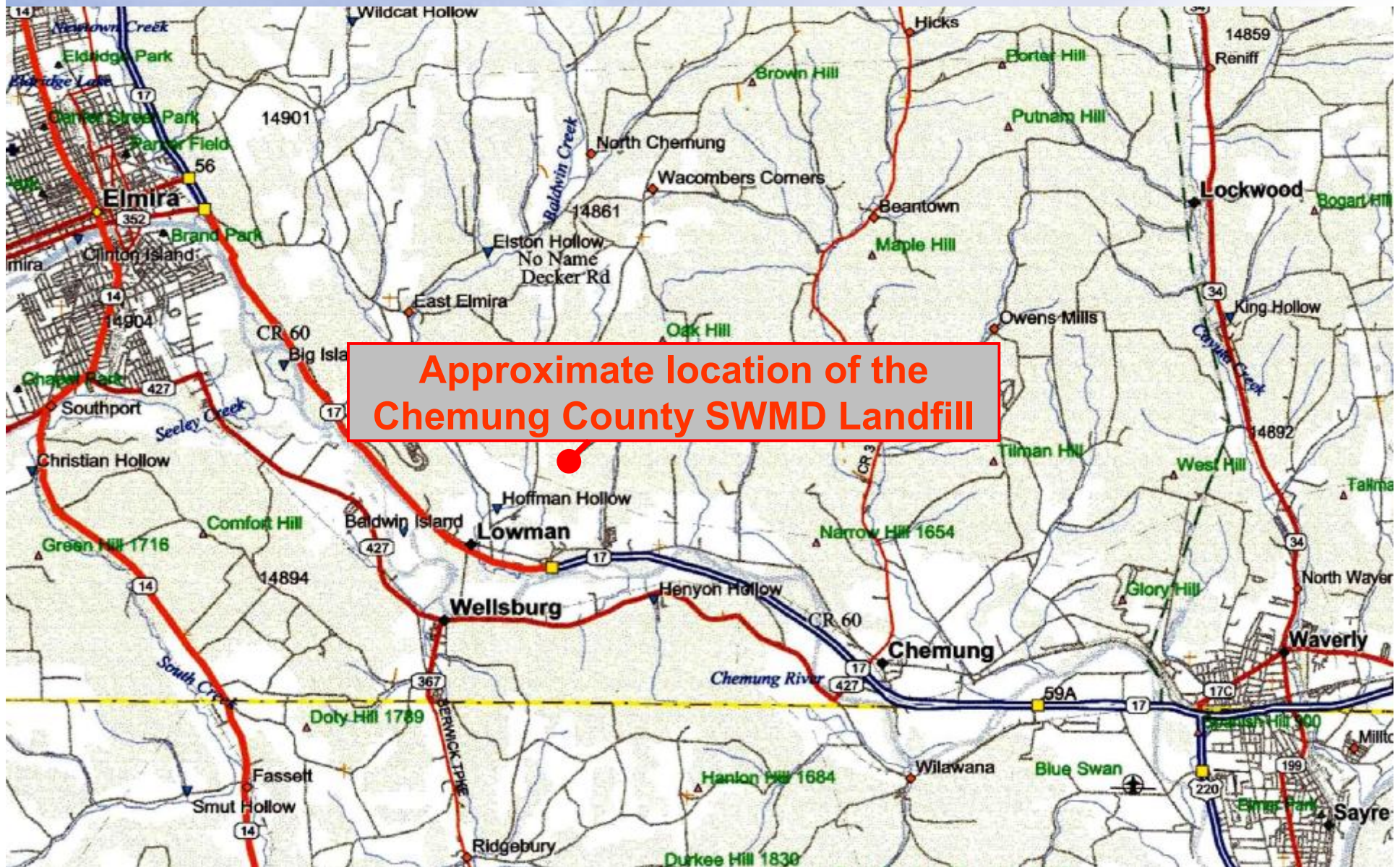
# FACILITY MAP (N. and S. sections)







# LANDFILL LOCATION MAP



# LANDFILL GAS GENERATION



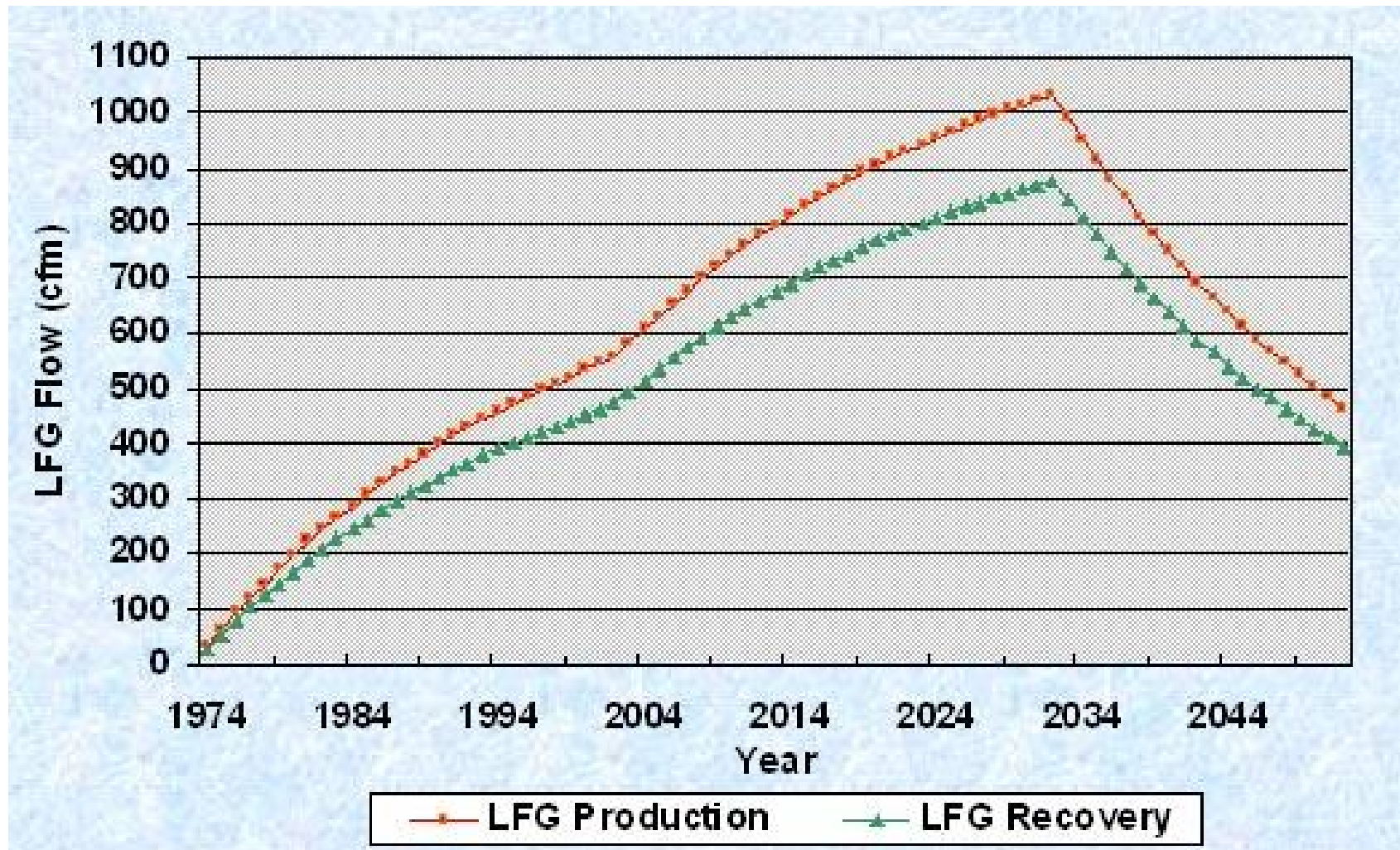
- Wells in Place - None
- Flare - 2 small flares (for passive system)
- LFG Flow - Unknown
- Methane Content - Assumed 50%
- Landgem Model Estimation
  - 580 cfm generated; can collect 490 cfm, in 2003
  - 620 cfm from 2003-2017
- NSPS Status - Non-NSPS; too small at this time
- Section 29 Credits - Not available



# LANDGEM LFG CURVE



## LFG Projection - Chemung County SWMD Landfill, New York



# ANALYSIS COMPLETED



- **Landgem Model Analysis was performed to develop the LFG generation curve**

# POTENTIAL END USERS



- **Nucor Corp. - Steel manufacturing facility;  
3 miles away from landfill**
- **Trailer Park - Within 3 miles**
- **New York State Electricity and Gas  
(NYSEG)**
  - **Were interested a few years ago; currently  
undergoing reorganization**
  - **Contact Mark Bodwin, NYSEG Solutions**
  - **Tel: 607-721-1731**



# CONTACT INFORMATION



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